



## KANSAS DEPARTMENT OF HEALTH & ENVIRONMENT

### PROCEDURE FOR AUTHORIZATION TO INJECT TREATMENT CHEMICALS NOT LISTED IN THE CLASS I UIC PERMIT

#### **Procedure #: UICI-18**

#### Narrative:

This document lists the information KDHE needs to evaluate a proposal injection of treatment chemicals not listed in the Class I UIC permit. This information must demonstrate that: 1) human health and the environment are protected, 2) water resources are conserved, and, 3) the UIC regulations and program requirements are complied with. The treatment chemicals shall not be injected unless approval has been obtained from KDHE.

#### Procedure:

The following supportive information is required to be submitted to KDHE with the proposal:

1. Documentation the waste is not a listed hazardous waste. The permittee determines this by evaluating the waste against a list of exempted wastes and the four lists of hazardous wastes (F, K, P, & U Lists). KDHE's Bureau of Waste Management can be contacted at 785-296-1600 for assistance.
2. Documentation the waste is not a characteristic hazardous waste. A waste is hazardous if it exhibits one or more of the following characteristics: ignitability, corrosivity, reactivity or toxicity. KDHE's Bureau of Waste Management can be contacted for assistance.
3. A description of the treatment chemical(s) and the intended use (preventing scale, biocide, etc.).
4. Proposed frequency for injection of the treatment chemical(s) and concentrations.
5. Documentation the injection will not violate any UIC permit limit or condition, including injection parameter limits.
6. Material Safety Data sheets for any the treatment chemical(s) including chemical constituents.
7. A description of how the treatment chemical(s) will be directed to the disposal well and the procedures to prevent spillage or leakage of the chemicals. Include a block flow diagram.